

# REVISION HISTORY

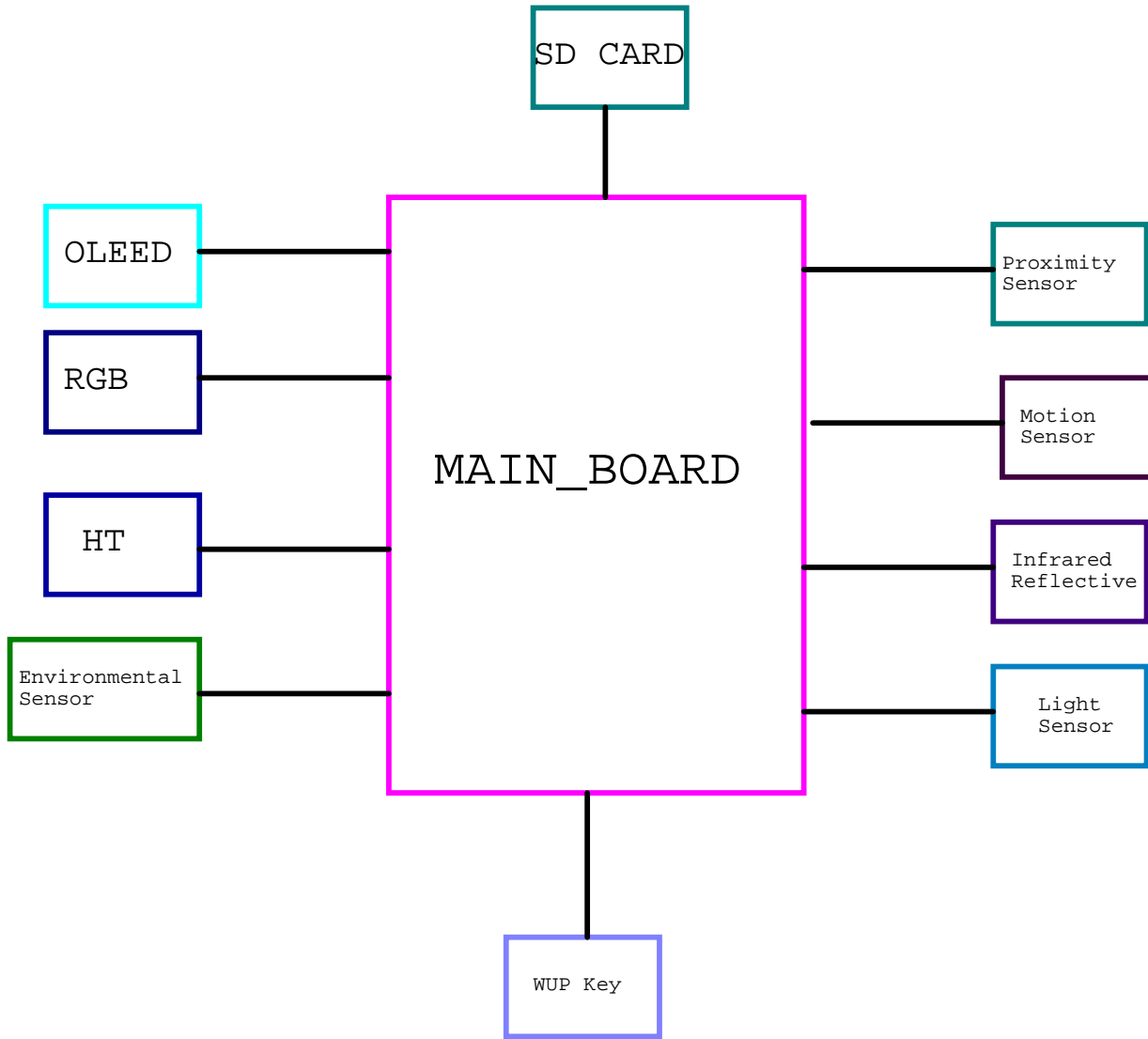
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Revision	Description	Date	Drawn
Ver 1.0	draft	2016-12-19	linyu

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DEV_SUB_SENSOR_BRD			
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A4	REVISION HISTORY		1.0
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DIAGRAM



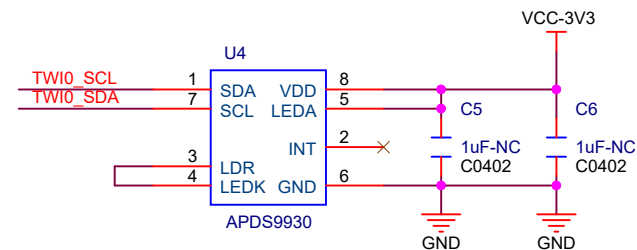
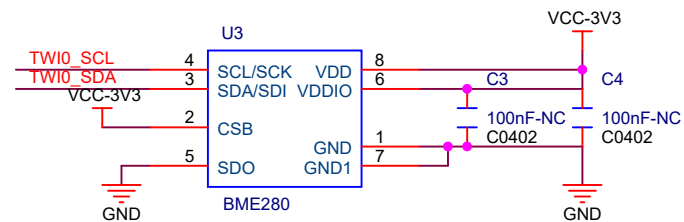
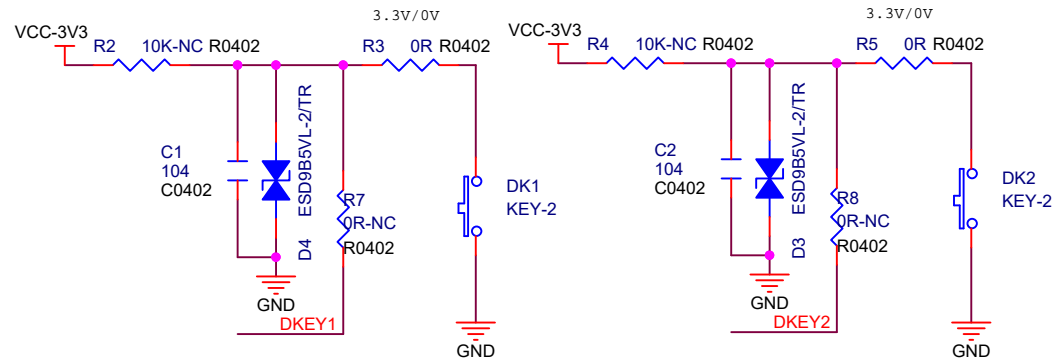
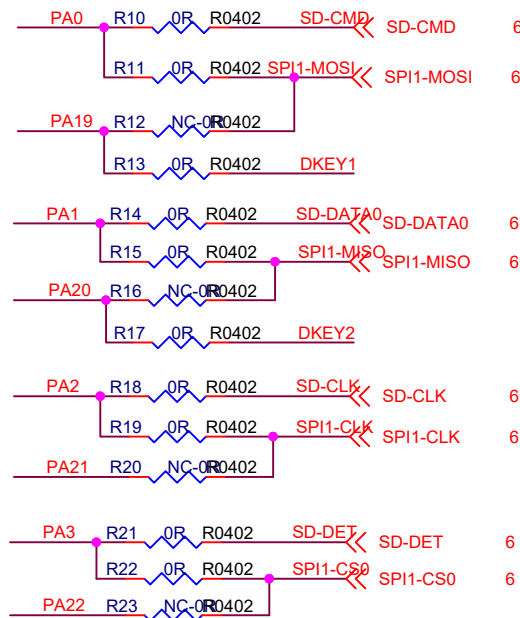
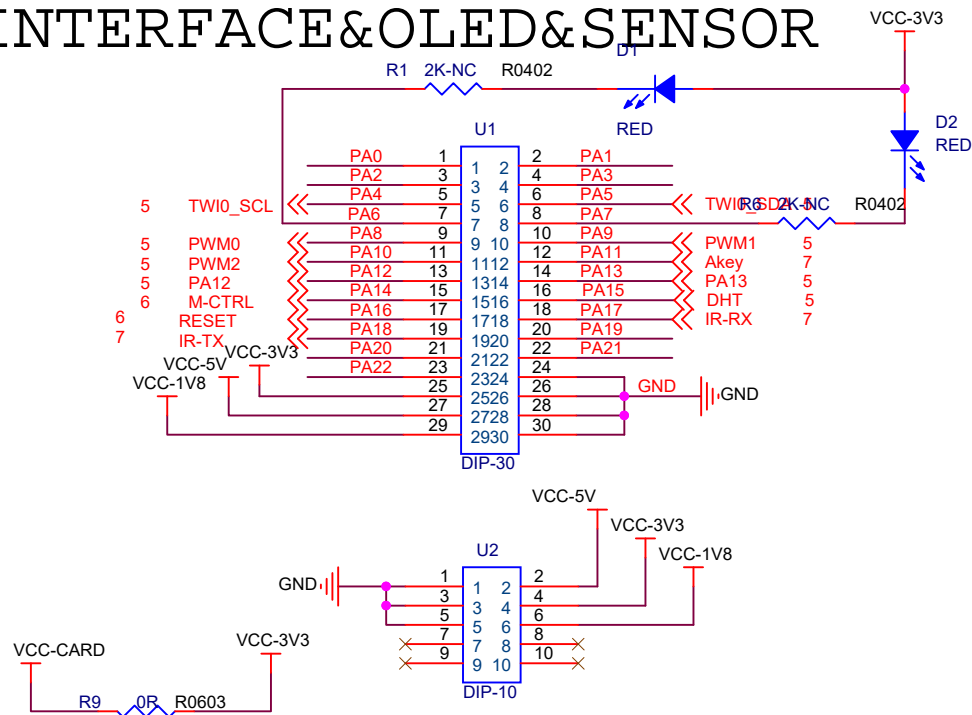
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# GPIO ASSIGNMENT

PIN	NAME	CFG
PA0	SD-CMD/SPI1_MOSI	2/3
PA1	SD-DATA0/SPI1_MISO	2/3
PA2	SD-CLK/SPI1_CLK	2/3
PA3	SD-DET/SPI1_CS	2/6
PA4	TWI0_SCL	4
PA5	TWI0_SDA	4
PA6	LED	
PA7	LED	
PA8	PWM0	3
PA9	PWM1	3
PA10	PWM3	3
PA11	Akey	2
PA12	PA12	2
PA13	PA13	2
PA14	M-CTRL	3
PA15	DHT	6
PA16	RESET	1
PA17	IR-RX	1
PA18	IR-TX	1
PA19	SPI1_MOSI/KEY	5
PA20	SPI1_MISO/KEY	5
PA21	SPI1_CLK	5
PA22	SPI1_CS0	5

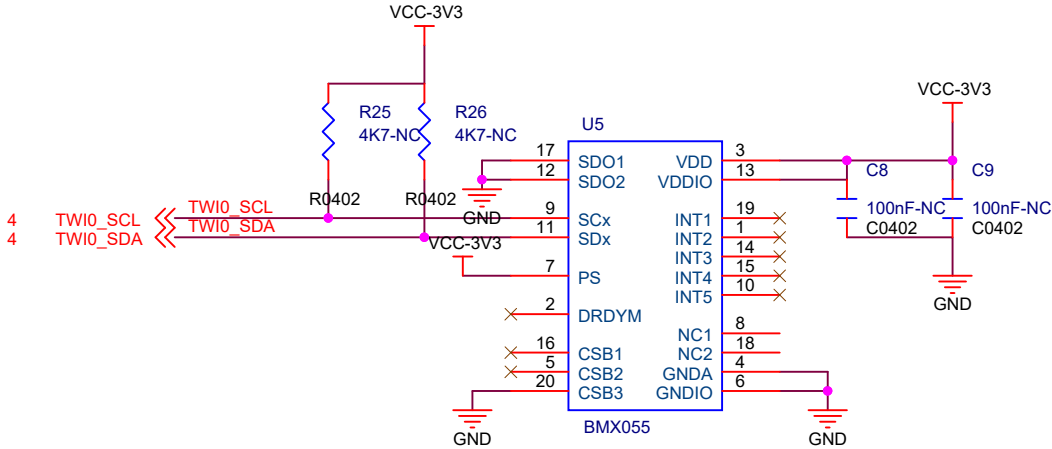
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# INTERFACE&OLED&SENSOR

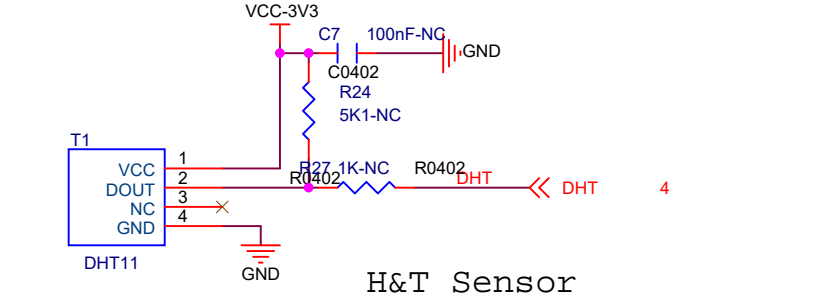


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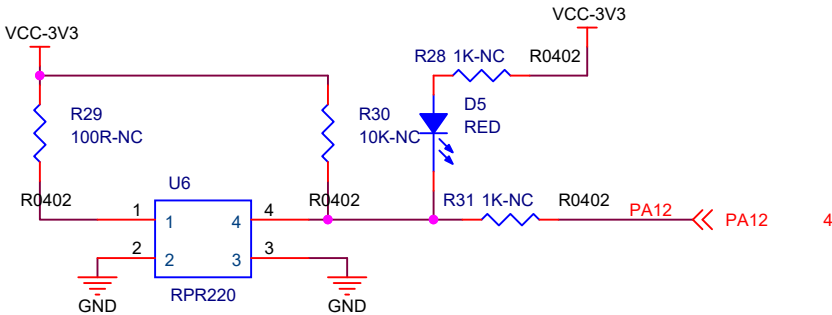
SENSOR&RGB



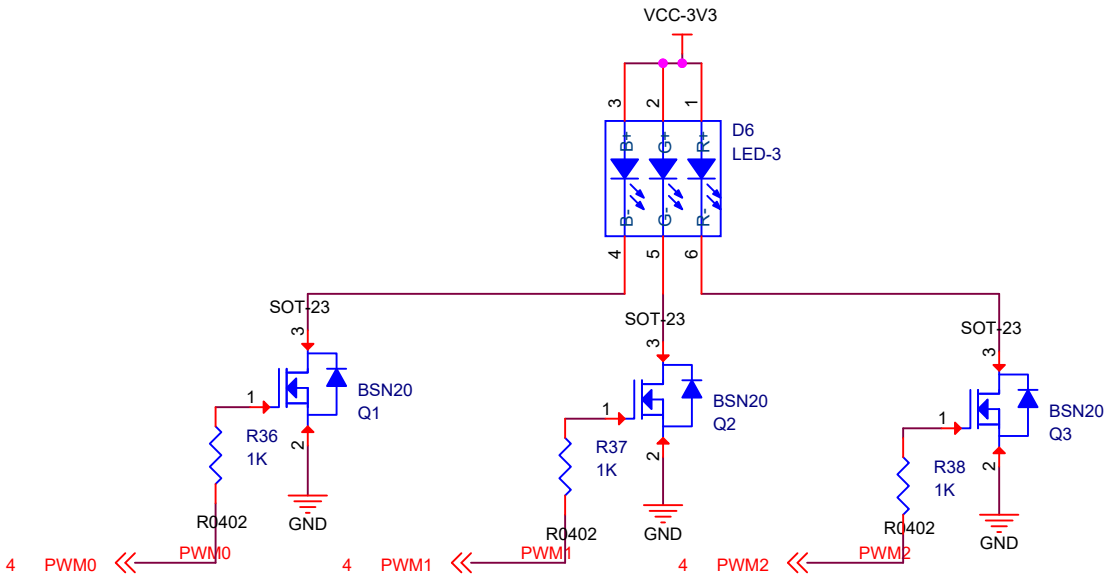
Motion Sensor



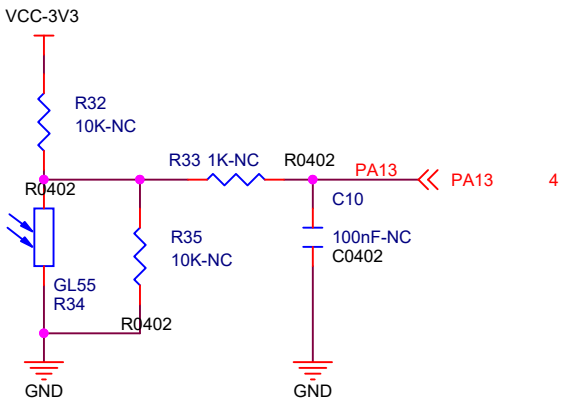
H&T Sensor



Infrared Reflective

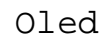


RGB LED

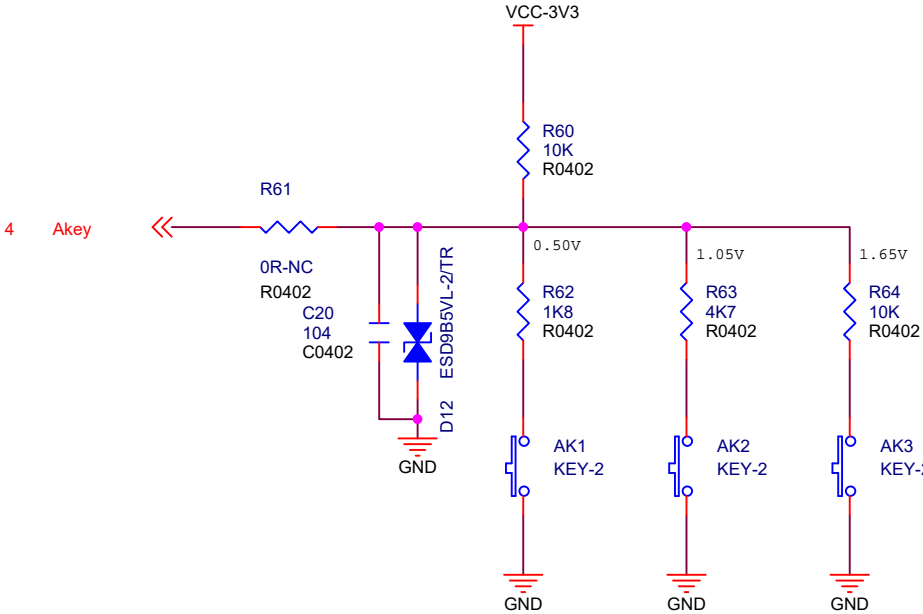
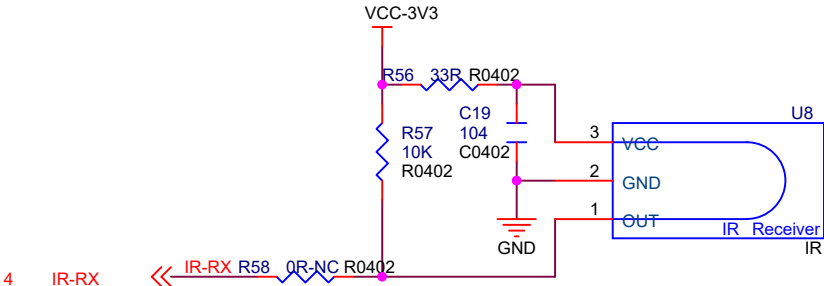
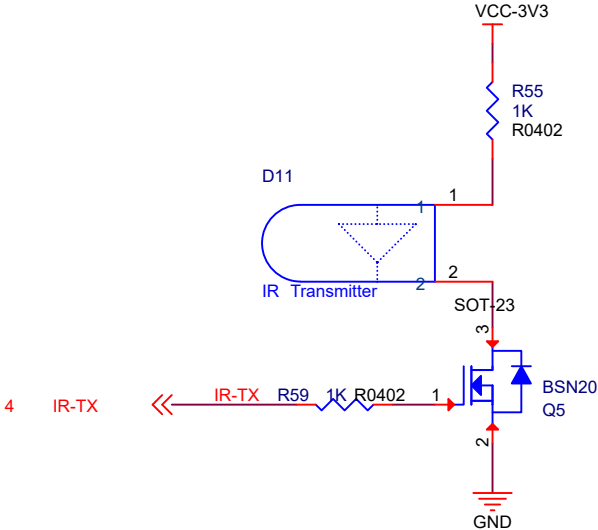


Light Sensor

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IR&AKEY



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